

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| L3    | 1     | "10543045".rlan. or ("10".src. and "543045".ap.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR               | ON      | 2010/02/01<br>08:15 |
| L4    | 13934 | ((plural\$4 near3 (memory buffer delay)) memory buffer delay) with (demultiplex\$4 multiplex \$4 (de near2 multiplex \$4)) with (decod\$4 decompress\$4)            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/02/01<br>11:14 |
| L5    | 474   | (plural\$4 near3 (memory buffer delay)) with (demultiplex\$4 multiplex \$4 (de near2 multiplex \$4)) with (decod\$4 decompress\$4)                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/02/01<br>11:17 |
| L6    | 82    | (plural\$4 near3 (memory buffer delay)) with (demultiplex\$4 multiplex \$4 (de near2 multiplex \$4)) with (decod\$4 decompress\$4) with (video picture images mpeg) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/02/01<br>11:17 |
| L7    | 4013  | ((plural\$4 near3 (memory buffer delay)) memory buffer delay) with (demultiplex\$4 (de near2 multiplex\$4)) with (decod \$4 decompress\$4)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/02/01<br>11:21 |
| L8    | 1     | ("7315898").PN.   | USPAT; USOCR  | OR               | OFF     | 2010/02/01<br>12:48 |
| L9    | 1     | ("20040008784").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2010/02/01<br>12:50 |
| L10   | 1     | ("20060170578").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2010/02/01<br>12:56 |
| L11   | 1     | ("5579317").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2010/02/01<br>12:57 |
| L12   | 28    | ("5420866"   "5442400"   "5457701"   "5475688").PN. OR ("5579317").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2010/02/01<br>12:57 |

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| L13 | 6121 | signal with align\$4 with delay  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/01<br>13:11 |
| L15 | 21   | (video image picture) with ((re near2 align\$4) realign \$4) with delay  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/01<br>13:13 |
| L16 | 241  | (standard near8 delay) with (high near8 delay)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/01<br>13:22 |
| L17 | 12   | (standard near8 delay) with (high near8 delay) with video  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/01<br>13:23 |
| L18 | 2238 | (memories buffers delays) with (demultiplex\$4 demux (de near2 multiplex \$4)) with (decod\$4 decompress\$4) with (video picture images mpeg)    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/01<br>14:36 |
| L19 | 585  | (memories buffers delays) near5 (demultiplex\$4 demux (de near2 multiplex \$4)) near5 (decod\$4 decompress\$4) near5 (video picture images mpeg) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/01<br>14:38 |
| L20 | 241  | (memories buffers delays) near3 (demultiplex\$4 demux (de near2 multiplex \$4)) near3 (decod\$4 decompress\$4) near5 (video picture images mpeg) | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/02/01<br>14:41 |
| S1  | 1    | "10542972".rlan. or ("10".src. and "542972".ap.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON | 2010/01/25<br>11:31 |
| S2  | 2360 | "375/240.01".OCLS.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/25<br>11:33 |
| S4  | 80   | ((JEFFREY) near2 (COOPER)).INV.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/25<br>11:33 |

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| S5  | 63    | ((JEFFREY) near2 (COOPER)).INV.   | EPO; JPO; DERWENT                                  | OR | ON  | 2010/01/25 11:33 |
| S6  | 176   | ((KUMAR) near2 (RAMASWAMY)).INV.  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2010/01/25 11:33 |
| S7  | 146   | ((KUMAR) near2 (RAMASWAMY)).INV.  | EPO; JPO; DERWENT                                  | OR | ON  | 2010/01/25 11:33 |
| S8  | 152   | ((JILL) near2 (BOYCE)).INV.   | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2010/01/25 11:33 |
| S9  | 137   | ((JILL) near2 (BOYCE)).INV.   | EPO; JPO; DERWENT                                  | OR | ON  | 2010/01/25 11:33 |
| S10 | 2360  | "375/240.01".CCLS.  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2010/01/25 11:34 |
| S11 | 13    | ("20020002708"   "20020116715"   "20020181581"   "20040101057"   "20050024543"   "20080030623"   "6144440"   "6370666"   "6535717"   "6701528"   "6711657"   "6900828"   "6901109").PN. | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2010/01/25 11:36 |
| S12 | 16    | ("5253058"   "5530701"   "5914942"   "5914959"   "6256496"   "6292664"   "6314269"   "6314289").PN. OR ("6535717").URPN.  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2010/01/25 14:11 |
| S13 | 2     | ((("20020022723") or ("20020023032")).PN.   | US-PGPUB; USPAT; USOCR                             | OR | OFF | 2010/01/25 14:19 |
| S14 | 13    | robust with staggercasting  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/01/25 14:22 |
| S15 | 1     | ("20020129374").PN.   | US-PGPUB; USPAT; USOCR                             | OR | OFF | 2010/01/25 14:37 |
| S16 | 1     | ("6900828").PN.   | USPAT; USOCR                                       | OR | OFF | 2010/01/27 08:31 |
| S18 | 17411 | ((program near4 map near4 table) pmt) ((program near4 information near4 system near4 protocol near4 virtual near4 channel near4 table) (psip near4 vct))                                | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2010/01/27 12:31 |

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| S19 | 1721 | (staggercast\$4 ((stagger multi) near4 cast\$4)) same (broadcast video bitstream)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>12:36 |
| S20 | 8    | S18 same S19   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>12:36 |
| S21 | 24   | S18 and S19  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>12:37 |
| S22 | 40   | (staggercast\$4 (stagger near4 cast\$4)) same (broadcast video bitstream)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>12:40 |
| S23 | 15   | S18 and S22  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>12:40 |
| S24 | 588  | ((program near4 map near4 table) pmt) ((program near4 information near4 system near4 protocol near4 virtual near4 channel near4 table) (psip near4 vct))) with (broadcast satellite) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:03 |
| S25 | 43   | (staggercast\$4 (stagger near4 cast\$4)) same (signal video bitstream)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:04 |
| S26 | 0    | S24 same S25   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:04 |

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|-----|------|---|---|----|----|---------------------|
| S27 | 0    | S24 and S25   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:04 |
| S28 | 0    | ((program near4 map<br>near4 table) pmt)<br>((program near4<br>information near4 system<br>near4 protocol near4<br>virtual near4 channel<br>near4 table) (psip near4<br>vct))) with (broadcast<br>satellite) and (staggercast<br>\$4 (stagger near3 cast<br>\$4)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:05 |
| S29 | 538  | ((program near4 map<br>near4 table) pmt)<br>((program near4<br>information near4 system<br>near4 protocol near4<br>virtual near4 channel<br>near4 table) (psip near4<br>vct))) with (display tv<br>television)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:09 |
| S30 | 2853 | vsb with modulat\$4   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:49 |
| S32 | 86   | ("4" near2 vsb) with<br>modulat\$4  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:49 |
| S33 | 86   | ("2" near2 vsb) with<br>modulat\$4  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:49 |
| S34 | 757  | ("8" near2 vsb) with<br>modulat\$4  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>13:49 |

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| S35 | 10304 | robust with (cod\$4 encod\$4 compress\$4)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:01 |
| S36 | 65    | (S32 S33) with S34   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:01 |
| S37 | 15    | S35 and S36  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:02 |
| S38 | 18294 | (trellis robust) with (cod\$4 encod\$4 compress\$4)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:18 |
| S39 | 173   | S34 with S38   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:18 |
| S40 | 9     | S36 with S38   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:19 |
| S41 | 30    | (cod\$4 encod\$4 compress\$4) with (S32 S33)                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:20 |
| S42 | 11    | (cod\$4 encod\$4 compress\$4) with S36                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:25 |
| S43 | 18    | (trellis robust) with (cod\$4 encod\$4 compress\$4) with (S32 S33) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/27<br>15:25 |

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| S44 | 2772  | select\$4 with user with<br>((low high) near4<br>(resolution quality))                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/27<br>15:27 |
| S45 | 88    | select\$4 with user with<br>((low high) near4<br>(resolution quality)) with<br>broadcast | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/27<br>15:29 |
| S46 | 1     | ("7061544").PN.  | USPAT; USOCR  | OR | OFF | 2010/01/27<br>15:46 |
| S47 | 14621 | (manual\$4 user input)<br>with select\$4 with quality                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/28<br>10:14 |
| S48 | 864   | (manual\$4 user) with<br>input with select\$4 with<br>quality                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/28<br>10:14 |
| S49 | 50    | (manual\$4 user) with<br>input with select\$4 with<br>quality with resolution            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/28<br>10:14 |
| S50 | 116   | (manual\$4 user) with<br>input with select\$4 with<br>quality with parameter             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/28<br>10:17 |
| S51 | 109   | (manual\$4 user) with<br>input with select\$4 with<br>quality with parameter             | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/28<br>10:17 |
| S52 | 249   | demultiplex\$4 with delay<br>with (decod\$4 decompress<br>\$4)                           | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/28<br>18:26 |
| S53 | 0     | multiresolution with<br>(reciever decod\$4<br>decompress\$4) with delay                  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/28<br>18:28 |
| S54 | 63    | multiresolution with<br>(reciever decod\$4<br>decompress\$4)                             | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/28<br>18:28 |

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| S55 | 0     | multiresolution with (reciever decod\$4 decompress\$4) same delay  | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 18:29 |
| S56 | 17    | multiresolution with (reciever decod\$4 decompress\$4) and delay   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 18:29 |
| S57 | 269   | ((de near2 multiplex\$4) demultiplex\$4) with delay with (decod\$4 decompress \$4)   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 18:50 |
| S58 | 186   | (manual\$4 user) with input with select\$4 with quality with (resolution size parameter)   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 19:54 |
| S59 | 644   | input with select\$4 with quality with (resolution size parameter)   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 19:56 |
| S60 | 75    | input with select\$4 with quality with (resolution size parameter) with display  | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 19:59 |
| S61 | 21    | input with select\$4 with quality with (resolution size parameter) with display with video   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 20:13 |
| S62 | 1149  | input with select\$4 with (hd ((high low) near3 resolution) (high near2 definition))   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 20:23 |
| S63 | 494   | (user input) with select\$4 with (hd ((high low) near3 resolution) (high near2 definition)) with display   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/28 20:24 |
| S64 | 17439 | ((program near4 map near4 table) pmt) ((program near4 information near4 system near4 protocol near4 virtual near4 channel near4 table) (psip near4 vct)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/28 20:42 |
| S65 | 4     | S63 and S64  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/28 20:42 |
| S69 | 116   | demultiplex\$4 with delay with (video tv television broadcast)   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2010/01/29 16:09 |



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|-----|------|--|---|----|-----|---------------------|
| S71 | 323  | plural\$4 with delay with demultiplex\$4   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/29<br>20:21 |
| S72 | 111  | (plural\$4 near3 delay) with demultiplex\$4  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/29<br>20:21 |
| S73 | 11   | (plural\$4 near3 delay) with demultiplex\$4 with (decod\$4 decompress\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/29<br>20:22 |
| S74 | 46   | (plural\$4 near3 delay) with (demultiplex\$4 multiplex\$4 (de near2 multiplex\$4)) with (decod\$4 decompress\$4) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/29<br>21:22 |
| S75 | 35   | S74 not S73  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/29<br>21:22 |
| S76 | 1223 | "370/238".CCLS.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/31<br>18:34 |
| S77 | 997  | "370/395.21".CCLS.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/31<br>18:34 |
| S78 | 290  | "370/508".CCLS.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/31<br>18:34 |
| S79 | 557  | "370/517".CCLS.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/31<br>18:34 |
| S80 | 291  | "370/519".CCLS.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/01/31<br>18:34 |
| S81 | 1    | ("6157377").PN.  | USPAT; USOCR  | OR | OFF | 2010/01/31<br>20:00 |
| S82 | 1208 | ((high near2 definition) hd) same ((standard near2 definition) sd) same select\$4                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/31<br>20:03 |

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| S83 | 576 | ((high near2 definition) hd) with ((standard near2 definition) sd) with select \$4                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/31<br>20:03 |
| S84 | 264 | ((high near2 definition) hd) with ((standard near2 definition) sd) with select \$4 with (user operator input) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/31<br>20:04 |

**EAST Search History (Interference)**

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**2/ 1/ 2010 3:14:51 PM**

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